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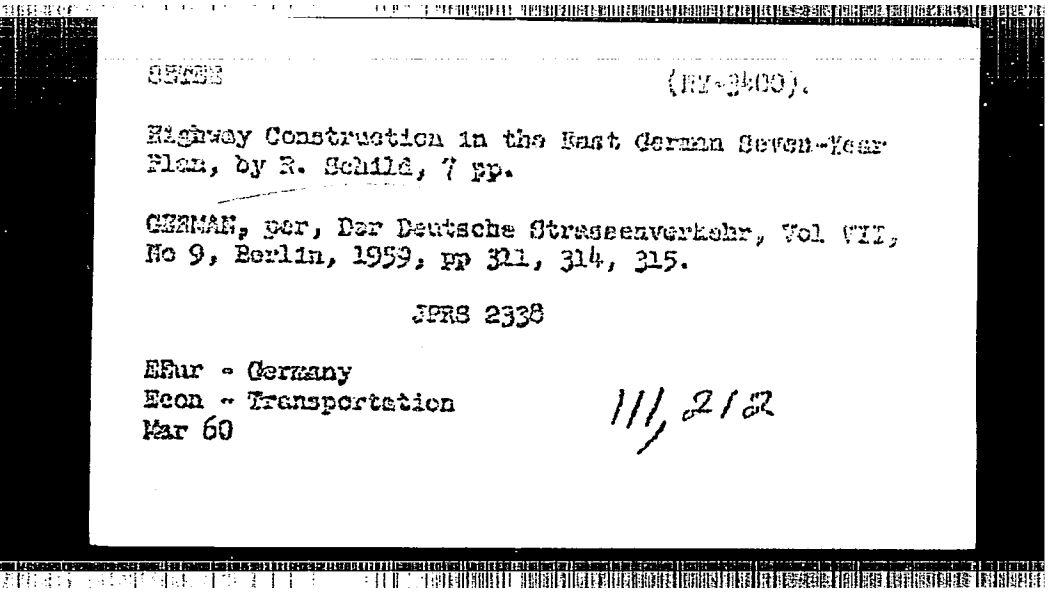

[illegible] (RY-3409).

Highway Construction in the East German Seven-Year Plan, by R. Schild, 7 pp.

GERMAN, per, Der Deutsche Strassenverkehr, Vol VII, No 9, Berlin, 1959, pp 311, 314, 315.

JPRS 2338

EHur - Germany
Econ - Transportation
Mar 60

III, 2/12

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

Further Results in Serological Studies of Multiple Sclerosis, by W. Schild, A. Schrader, G. B. Roemer, 6 pp.

GERMAN, per, Klin Wchnschr, Vol XXXI, No 43/44, 15 Nov 1953, pp 1050, 1051.

NIH

SLA Tr 782/56

25,471

Scientific - Medicine
CTS 70/Jul 55

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

Deformation of a Travelling Magnetic Field Under the Surface of a Conductive Medium, by Jaroslav Schilder, 28 pp.

CZECH, per, Elektro Casopis, No 5, 1961, pp 287-309. 9678789

FTD-TT-62-981

Sci-Elect
Dec 62

217,576

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

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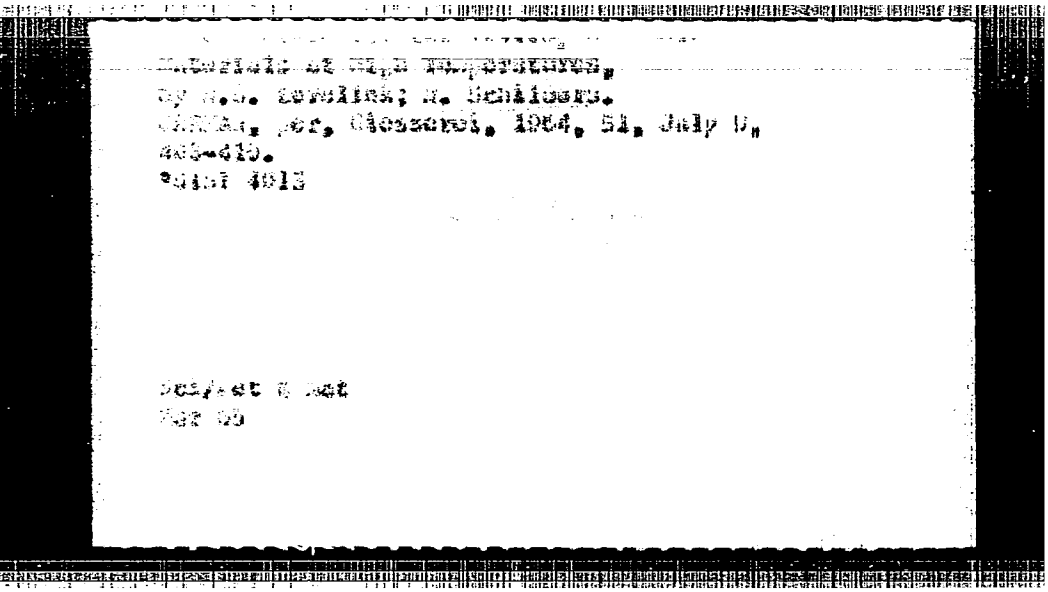

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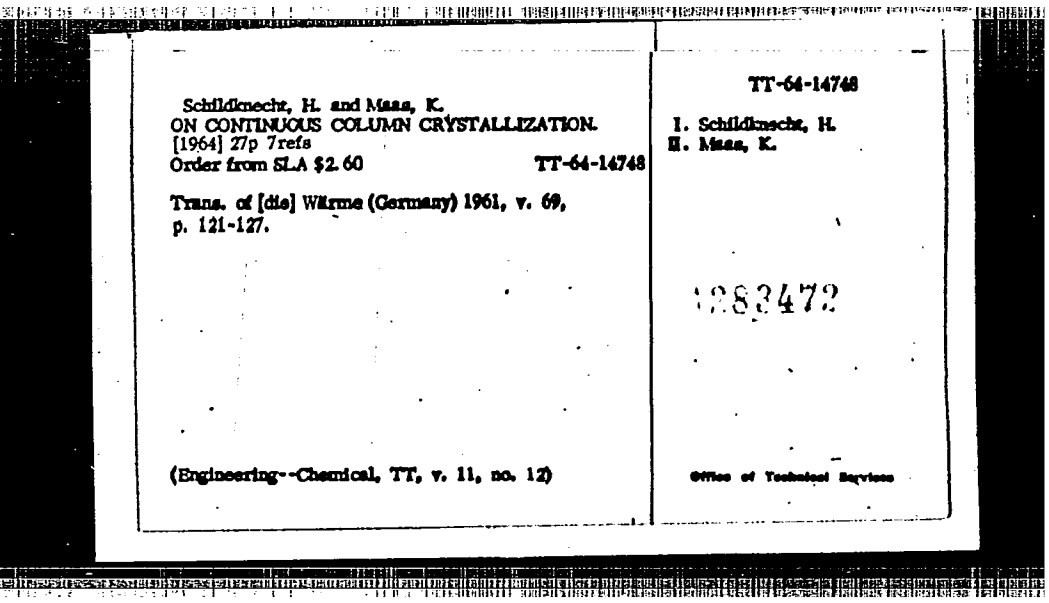

Schildknecht, H. and Maas, K.
ON CONTINUOUS COLUMN CRYSTALLIZATION.
[1964] 27p 7refs
Order from SLA $2.60 TT-64-14748

Trans. of [die] Wärme (Germany) 1961, v. 69, p. 121-127.

(Engineering--Chemical, TT, v. 11, no. 12)

TT-64-14748

I. Schildknecht, H.
II. Maas, K.

1283472

Office of Technical Services

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

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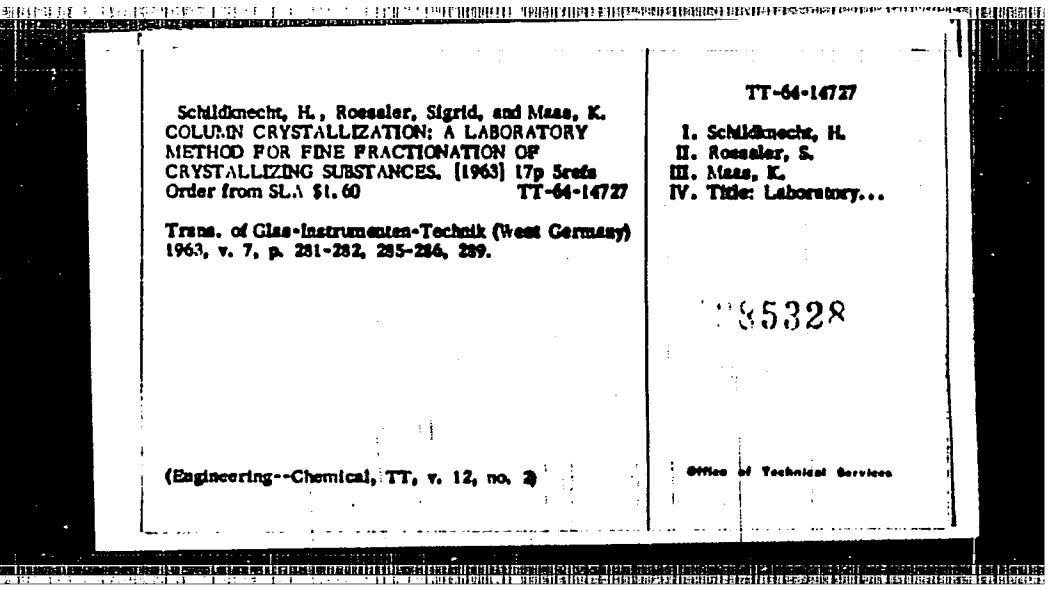

Schildknecht, H., Roessler, Sigrid, and Maas, K.
COLUMN CRYSTALLIZATION: A LABORATORY METHOD FOR FINE FRACTIONATION OF CRYSTALLIZING SUBSTANCES. [1963] 17p 5refs
Order from SLA $1.60 TT-64-14727

Trans. of Glas-Instrumenten-Technik (West Germany) 1963, v. 7, p. 281-282, 285-286, 289.

(Engineering--Chemical, TT, v. 12, no. 2)

TT-64-14727

I. Schildknecht, H.
II. Roessler, S.
III. Maas, K.
IV. Title: Laboratory...

85328

Office of Technical Services

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

Schildknecht, H.

NORMAL SOLIDIFICATION, ZONE MELTING, AND COLUMN CRYSTALLIZATION: NEW METHODS OF FRACTIONAL CRYSTALLIZATION FROM THE MELT [1964] 30p 23refs
Order from SLA $2.60 TT-64-14960

Trans. of Z[eitschrift für] Analyt[ische] Chem[ie] (West Germany) 1961, v. 181, no. 1, p. 254-274.

(Chemistry--Physical, TT, v. 11, no. 11)

TT-64-14960

I. Schildknecht, H.
II. Title: New...

1280626

Office of Technical Services

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

Schildknecht, H.
ZONE MELTING AND COLUMN CRYSTALLIZATION, NEW PROCESSES FOR SEPARATING AND PURIFYING CRYSTALLIZING SUBSTANCES. [1963] 33p 22refs
Order from SLA $3.60 TT-64-14722

Trans. of Chimia (Switzerland) 1963, v. 17, p. 145-157.

(Engineering--Chemical, TT, v. 11, no. 11)

TT-64-14722

1. Schildknecht, H.

280650

Office of Technical Services

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

Schildknecht, H., Maas, K., and Kraus, W.
EXTREMELY PURE ORGANIC SUBSTANCES BY CONTINUOUS COLUMN CRYSTALLIZATION AND ZONE MELTING. [1962] 21p. (refs. omitted).
Order from SLA $2.60 63-10904

Trans. of Chemie-Ingenieur-Technik (West Germany) 1962, v. 34, no. 10, p. 697-701.

DESCRIPTORS: Organic compounds, *Benzenes, *Phenanthrines, Purification, *Crystallization, *Zone melting, Towers (Chemistry).

With benzene as example, it is shown that column crystallization is superior to distillation for the preparation of pure liquids. Solid, crystallizing crude products, e.g. phenanthrene, can also be purified in this manner, using closed columns in a continuous process. Highest purity is subsequently achieved by means of directed crystallization procedures such as 'normal solidification' and zone melting. (Author)

63-10904

I. Schildknecht, H.
II. Maas, K.
III. Kraus, W.

(Engineering--Chemical, TT, v. 10, no. 2)
Office of Technical Services

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

Schildknecht, H. and Vetter, H.
COLUMN CRYSTALLIZATION. Paper presented at Gordon Research Conference on Separation and Purification, New London, 28 July 60. [1962] 11p. 8 refs.
Order from SLA $1.60 62-10958

Trans. of Angew[andte] Chem[ie] (West Germany) 1961, v. 73, no. 17/18, p. 612-615.

DESCRIPTORS: *Crystallization, Melting, Alcohols, DNT, *Purification, Fractionation, Separation, Crystals.

A method of fractional crystallization and fusion is described which, like column distillation, represents a true countercurrent process. The new separating process may be used to purify crystallizable compounds that melt without decomposition and to separate (Chemistry--Physical, TT, v. 8, no. 7) (over)

62-10958

I. Schildknecht, H.
II. Vetter, H.
III. Title: Gordon . . .

C22960

Office of Technical Services

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

Microzone Melting Process for the Purification of Organic Substances, by G. Hesse, H. Schildknecht.

GERMAN, per, Angew Chem, Vol LXVIII, No 20, 1956, pp 641-643.

Assoc Tech Sv
Tr 43H13G
$6.75

52,247

Sci - Chem
Sep 57

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

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Ice Zone Refining. New Methods for Concentrating Minute Amounts of Material From Aqueous Solution, by H. Schildknecht, A. Mannl, 13 pp.

GERMAN, per, Angewandte Chemie, 1957, pp 634-638.
CIA 9040649

ACSIL Tr No 1065

Sci - Chemistry
Jul 59

92,061

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

Ring Zone Melting & Process for Organic Substances, by Hermann Schildknecht, 9 pp.

GERMAN, per, Z fuer Naturforschung, Vol XIIb, No 1, 1957, pp 23-26

10745
SIA 59-~~10569~~

Sci - Chem
Sep 59
Vol 2, No 1

97,249

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

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Purification of Hydrocarbons As Solvents For Ultraviolet Spectroscopy, by Gerhard Hesse, Hermann Schildknecht, 6 pp.

GERMAN, per, Angew Chem, Vol LXVII, 1955, pp 737-739.

AEC Tr 2398

Sci - Chemistry 32,476

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

On the Photosensitization of Mosquito Larvae by Means of Fluorescing Dyes, by H. Schildmacher. GERMAN, per, Biologisches Zentralblatt, 1950, pp 468-477.
NRC/Ref: C-4785

H. SCHILDMACHER

Sci -
Jul 67

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APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

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Concerning the Pressure Extraction of Bituminous Coal With Tetralin, by E. Berl, H. Schildwachter, 28 pp.

GERMAN, per, Brennstoff-Chem, Vol IX, No 7, 1 Apr 1928, pp 105-113.

S.L.A. Tr 1843

Sci - Engineering
Apr 57

47,372

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

Concerning the Influence of the Bitumen Recovered by the Pressure Extraction With Tetralin Upon the Coking of Coal, by E. Berl, H. Schildwachter, 5 pp.

GERMAN, per, Brennstoff-Chem, Vol IX, No 8, 15 April 1928, pp 121,122.

S.L.A. Tr 1844

Sci - Engineering
Apr 57

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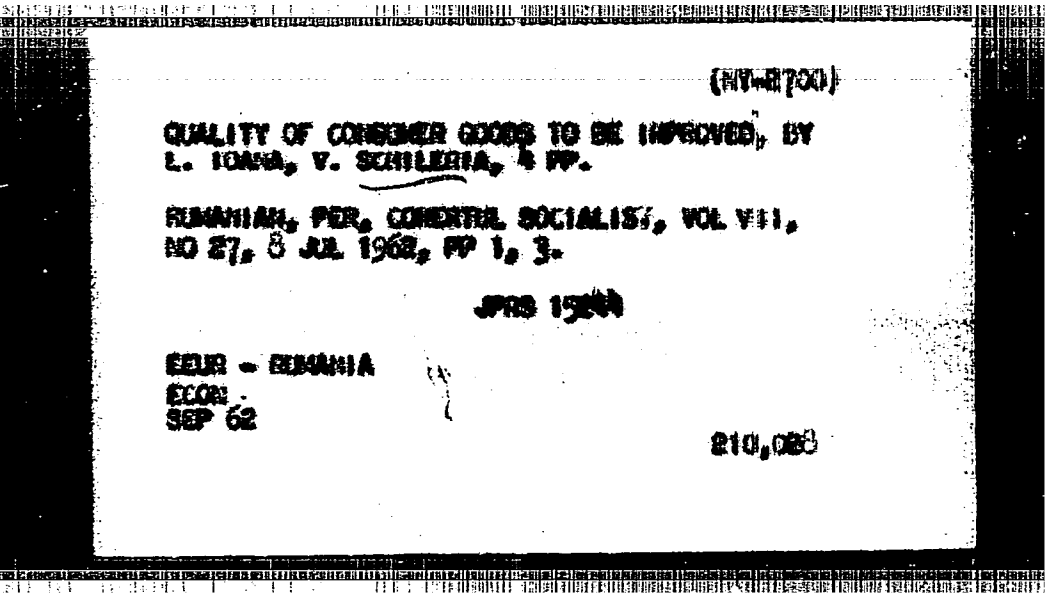

(NT-R700)

QUALITY OF CONSUMER GOODS TO BE IMPROVED, BY L. IONA, V. SCHILERIA, 4 PP.

ROMANIAN, PER, COMERTUL SOCIALIST, VOL VII, NO 27, 8 JUL 1962, PP 1, 3.

JPRS 15[illegible]

EELR - ROMANIA
ECON
SEP 62

210,0[illegible]

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

Stress Problems in the Butterfly Valve Housing, by M. Schilhansl, 45 pp.

GERMAN per,
Wasserkraft und Wasserwirtschaft, Vol XXXIX, No 1, 1944, pp 5-17.

SLA 60-10046

Sci

OTS, Vol III, No 7

Nov 60

133,127

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

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Copper Bonding and Fixation by Humic Acid, by E. Schilichting, 5 pp.

GERMAN, per, Z. Pflanzenernahr Dung u Bodenk, No 1-3, Jun 1955, pp 134-137.

SLA 57-3245

Sci

Aug 58

72,250

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APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

(NY-6440)

STRICT & CONTROL OVER THE DEVELOPMENT OF WAGES, BY W. SCHILKE, 4 PP.

GERMAN, PER, DIE WIRTSCHAFT, NO 45, 1 NOV 1961, P 6.

JPRS 12820

EEUR - GERMAND
ECON
MAR 62
EE

185,655

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

Schill, Frantisek and Kralove, Hradec.
A METHOD FOR THE MANUFACTURE OF FOAM GLASS (Verfahren zum Herstellen von Schaumglas). [1963] [6p] (foreign text included)
Order from OTS or SLA $1.10 63-18591

Trans. of German patent 1,010,707, R 18656 IVc/32b, appl. 6 Apr 56, issued 19 Jun 57 (Priority: Czechoslovakia, 14 Apr 55) by Retenicke Skalrny Narodni Podnik Teplice Retenice, Czechoslovakia.

DESCRIPTORS: *Expanded glass, Manufacturing methods, Hydrogen compounds, Sulfides, Chemical bonds, Oxides, Gases, Reduction (Chemistry)

The invention relates to a method for preparing foam glass by heating a mixture of powdered glass, containing sulfur trioxide, and carbon dust in molds at a temperature near the softening point of the glass, characteristized by the fact, that the hydrogen sulfide evolved (Materials--Ceramics, TT, v. 10, no. 11) (over)

63-18591

I. Schill, F.
II. Kralove, H.
III. Patent (Germany) 1 010 707

Office of Technical Services

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

A Brief Direction for Computation of Cooling Processes of Glass by Frantisek Schill, 10 pp.

CZECH; per, Sklara Keramik, No 11, pp 159-160 1961.

AEC-SCL-T-489

Sci - Phys
Oct 63

240,316

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

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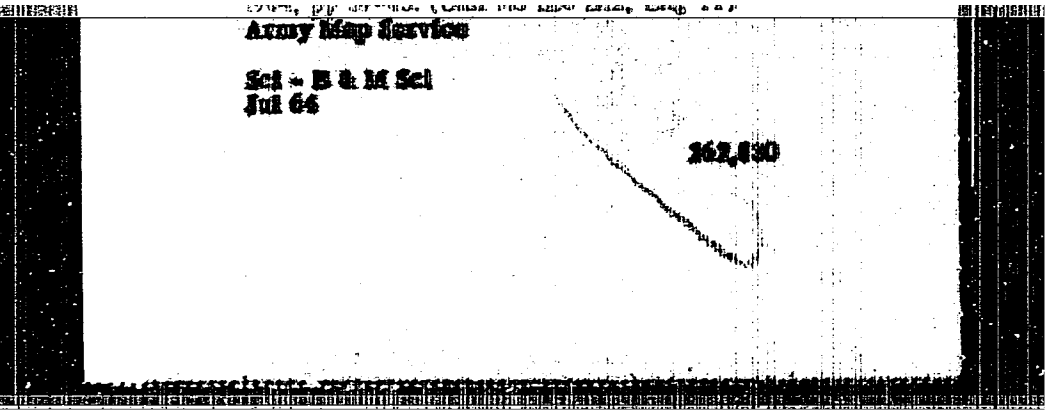

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

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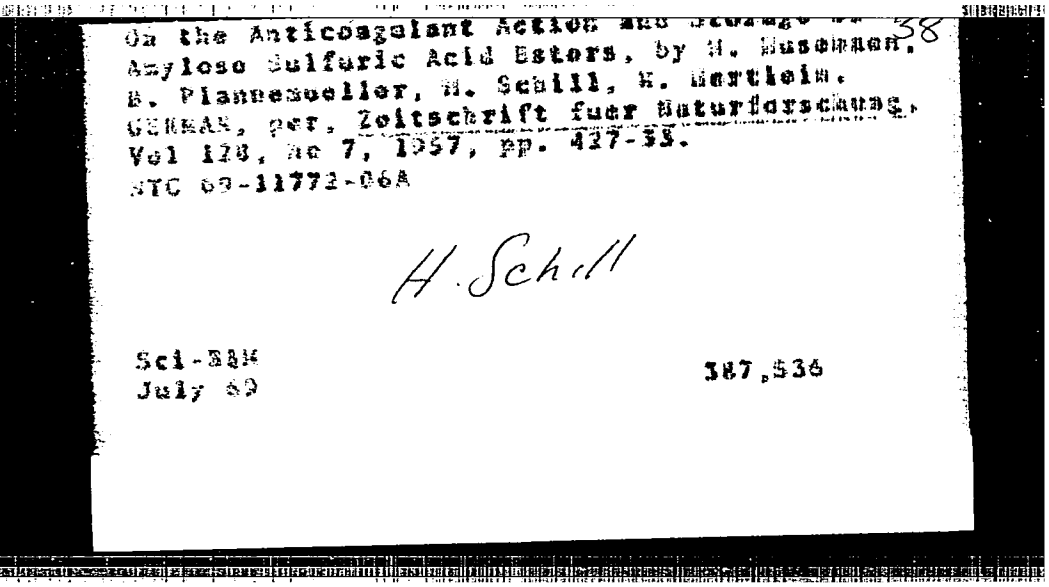

On the Anticoagulant Action and [illegible] 38
Amylose Sulfuric Acid Esters, by H. Husemann, E. Plannensoeller, H. Schill, K. Hartlein.
GERMAN, per. Zeitschrift fuer Naturforschung.
Vol 12B, No 7, 1957, pp. 427-33.
NYC 63-11772-06A

H. Schill

Sci-Bio
July 59

387,536

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

(NY-1833)

R-2146

On the Improvement of Management in the Textile Industry (Germany), by K. Schille, 10 pp.

GERMAN, per, Deutsche Textiltechnik, Vol VIII, No 4, Berlin, Apr 1958, pp 161-163.

US JPRS/NY-L-391

EEur - Germany
Econ - Textile industry

75,006

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

FDA 208-68-13 R-8845-D
26 Oct 67

Das Entstehen eines Karzinoms in einer Zyste
By: Friedrich Schiller
From: Zahnarztliche Rundschau No. 37 pp 1483-88
No. 38 pp 1513-19
No. 39 pp 1534-38 (16 pp)

German - est for wds:

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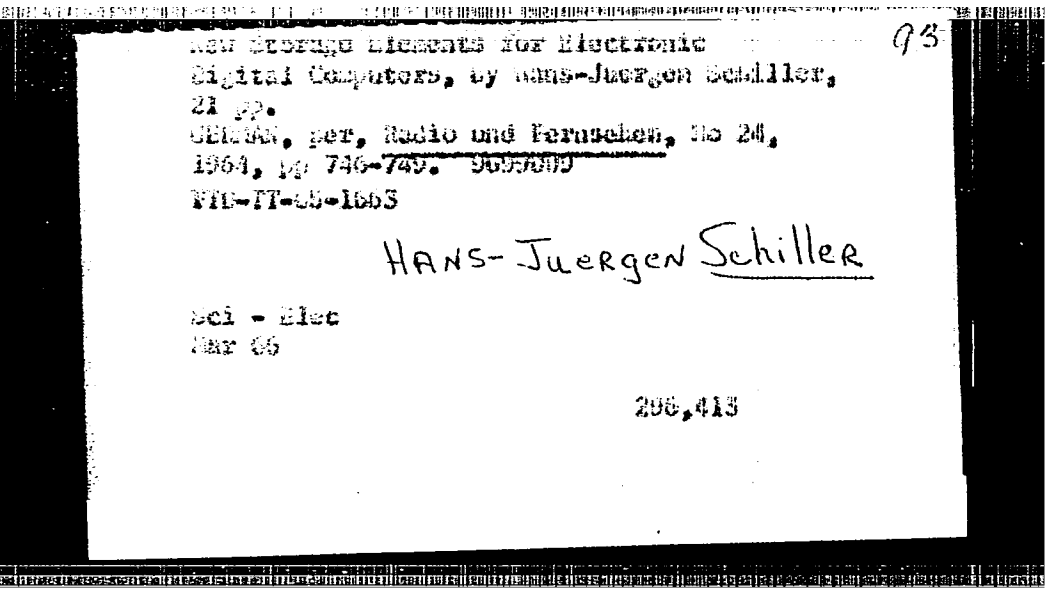

New Storage Elements for Electronic
Digital Computers, by Hans-Juergen Schiller,
21 pp.
Ulrich, per, Radio und Fernsehen, No 24,
1964, pp 746-749. Germany
FTD-TT-65-1665

93

HANS-Juergen Schiller

Sci - Elec
Mar 66

206,413

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

New Experiments With Asphalt Construction in the Widening of the Dortmund-Ems-Canal, by Schiller and Gorges.

GERMAN, Die Bautechnik, Vol 15, No 37, pp 474-476, Aug 27, 1937; Vol 15, No 39, pp 497-500, Sep 10, 1937.

USA Corps of Engr, Waterways Exper Sta Tr 39-10

Sci - Engineering, hydraulics, naval
Econ - Transportation, river, water

A-3441

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APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

(DC-4838)

Plastics in Railroad Car and Streetcar Construction, by Langhoff, Costa, Schiller, 10 pp.

GERMAN, per, Deutsche Eisenbahn Technik, Vol VIII, No 9, 1960, pp 429-432.

JPRS 6661

nBur - Germany

Econ

Feb 61

140,623

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

Experiments With Asphalt Construction in the Widening of the Dortmund-Ems-Canal, by Schiller, and Gorges.

GERMAN, Die Bautechnik, Vol 14, No 31, 17 July 1936, pp 445-448, 456-458.

USA Corps of Engr, Waterways Exper Sta Tr 39-61

Sci - Engineering, hydraulics, naval
Econ - Transportation, river, water

A 3442

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APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

Wheat Flake Biscuits - An Innovation in the Field of Grain Processing for a Bread-Like Baked Product, Dr Carl Schiller, Chemical Laboratories, 46 pp, (ID 1056449). UNCLASSIFIED

GERMAN, Friedrich Feuerlein, Feuerlein, Schreiber and Company, Ltd, Lippstadt.

ID CSUSA F-8574

WEur - Germany
Economic DEX Jun 52 CTS

A 10483

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

Stresses at the Joint Face of Austenite-Ferrite Welds, by A. Schiller. UECL

GERMAN, per, Mitt Ver Grosskesselbesitzer, No 6, 1958, pp 176-180.

BISI 1513
(L2.15a.08.)

Sci - Engr

Mar 60

110,278

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

Leather Lubricating Agent, by B. A. Schiller, C. E. Retzsch, C. H. Lighthipe, 21 pp.

SWEDISH Patent 152,759, Patented from 14 Jan 1955. Issued 30 Jan 1958, Pub 1 Apr 1959.

3LA 60-14906

Sci

187,160

Vol 4, No 1

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

Calotten-Sheets Made of Light Metal, a New Building Element for Light Construction, by H. G. Schiller.

GERMAN, per, Blech, No 1, 1960. [illegible]
Prost & Meiner-Verlag, (13a) Cpburg/Ofr,
3 text pages (unnumbered.

EREL, Ft Belvoir T-1251.

195, 952

Sci - Phys
May 62

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

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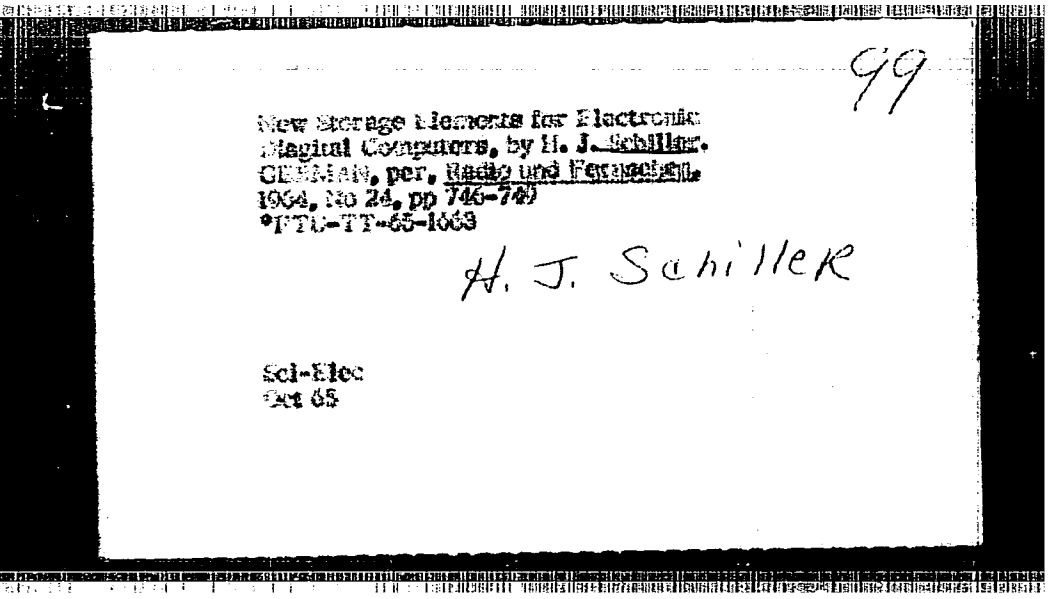

99

New Storage Elements for Electronic Digital Computers, by H. J. Schiller. GERMAN, per. Radio und Fernsehen, 1964, No 24, pp 746-749 *FTD-TT-65-1063

H. J. Schiller

Sci-Elec Oct 65

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

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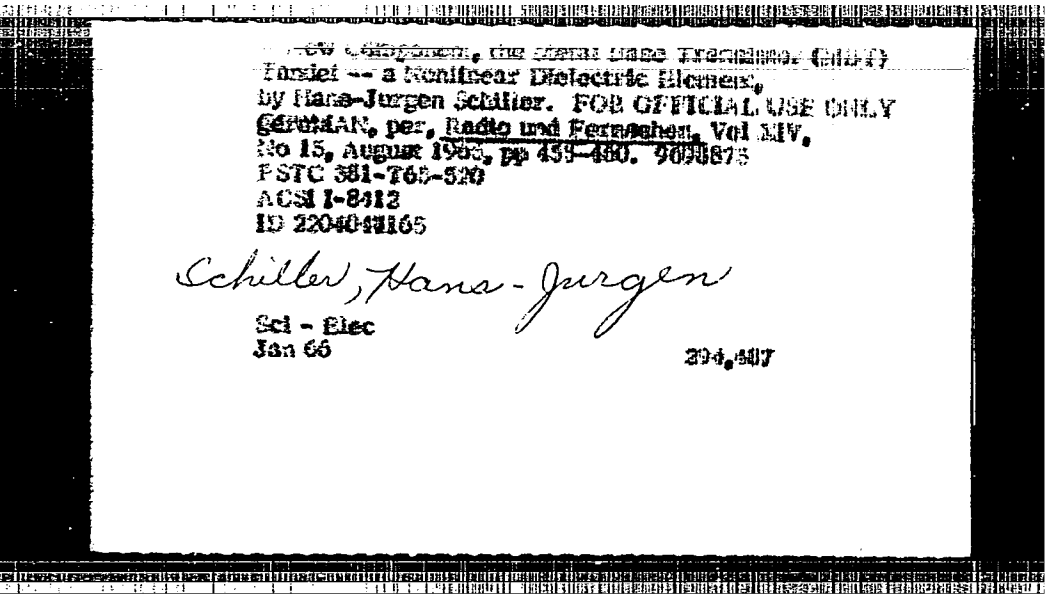

[illegible], the Semi-Same Transistor (SIST)
Varistor -- a Nonlinear Dielectric Element,
by Hans-Jurgen Schiller. FOR OFFICIAL USE ONLY
GERMAN, per, Radio und Fernsehen, Vol XIV,
No 15, August 1965, pp 459-460. 9000875
FSTC 381-T65-520
ACSI I-8413
ID 2204011165

Schiller, Hans-Jurgen

Sci - Elec
Jan 66

294,407

APPROVED FOR RELEASE: Thursday, September 19, 2002 CIA-RDP84-00581R000200470051-9

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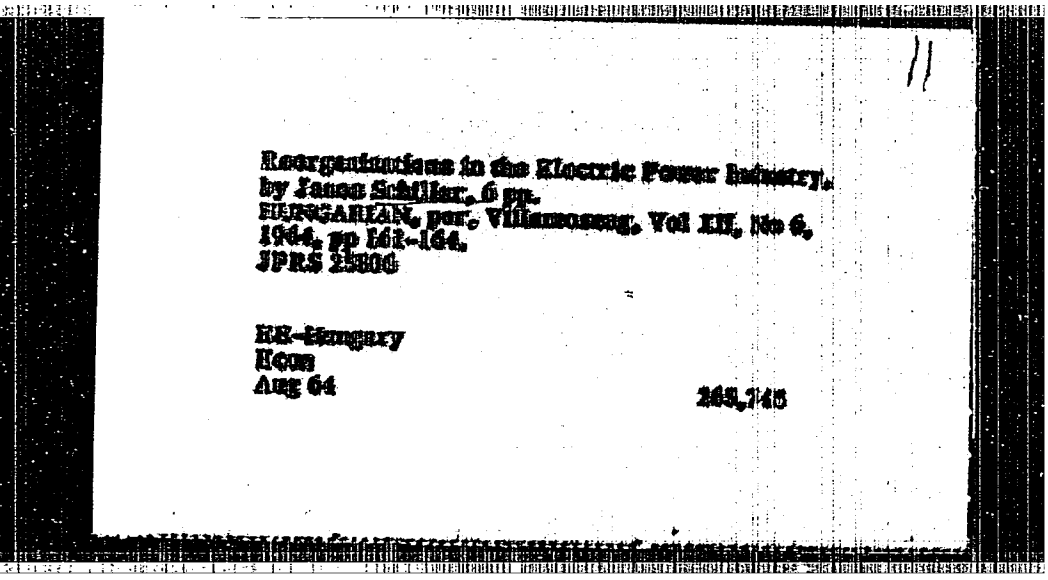

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A-2.112

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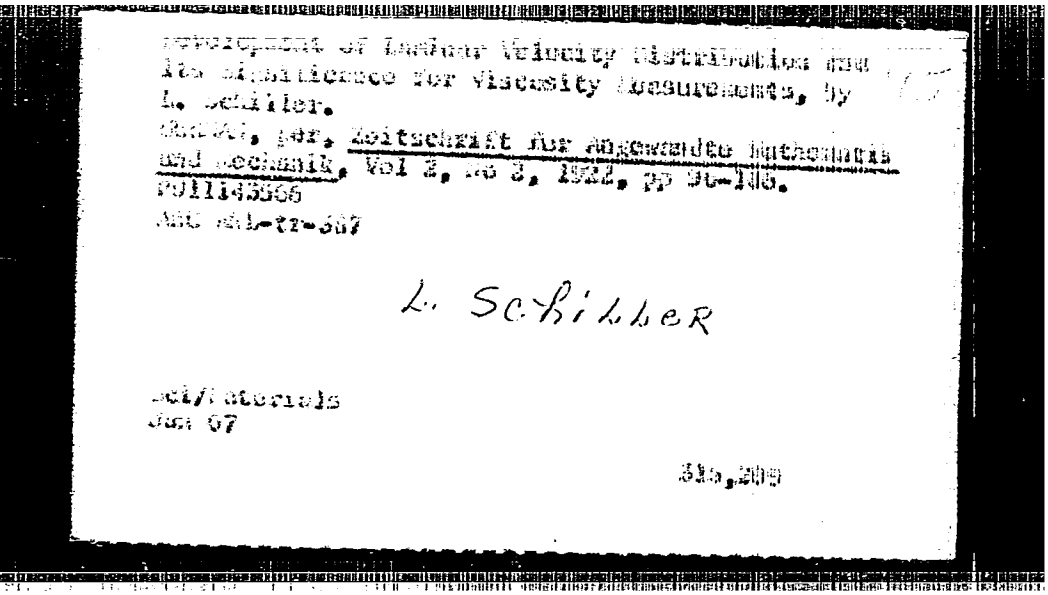

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ABC Wal-tr-367

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(Unannounced)

61-15253

I. Paper--Processing
I. Schiller, O.
II. Patent (Germany) 37(677
III. Patent Office, Washington, D. C.

Office of Technical Services

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Order from OTS, ETC or CNRS $0.80 TT-63-26915

Trans. in French of Chemické Zvesti (Czechoslovakia) 1957, v.11, no.8, p.508-510.

DESCRIPTORS: *Sodium, *Potassium, Separation, Chromatographic analysis, Radioactivity, *Radiochemistry.

(Chemistry--Inorganic, TT, v. 11, no. 7)

TT-63-26915

I. Schiller, P.
II. Tölgyessy, J.
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Office of Technical Services
European Translations Centre

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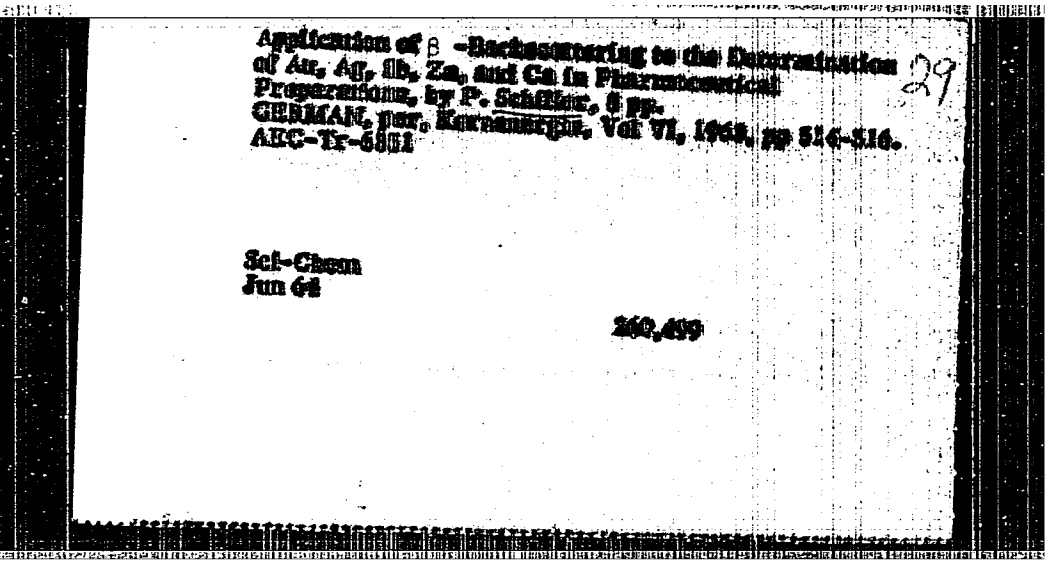

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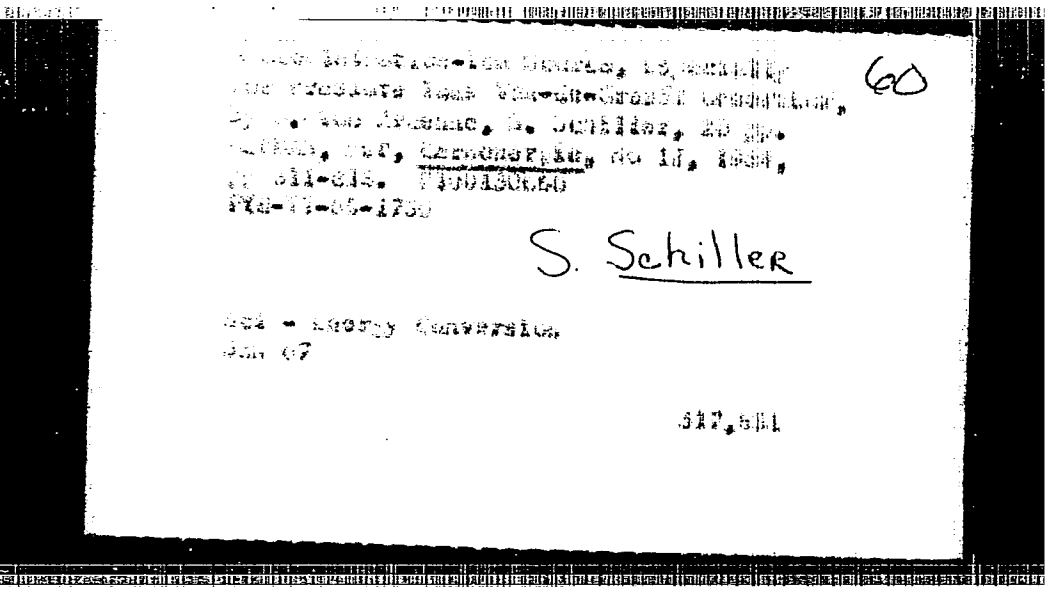

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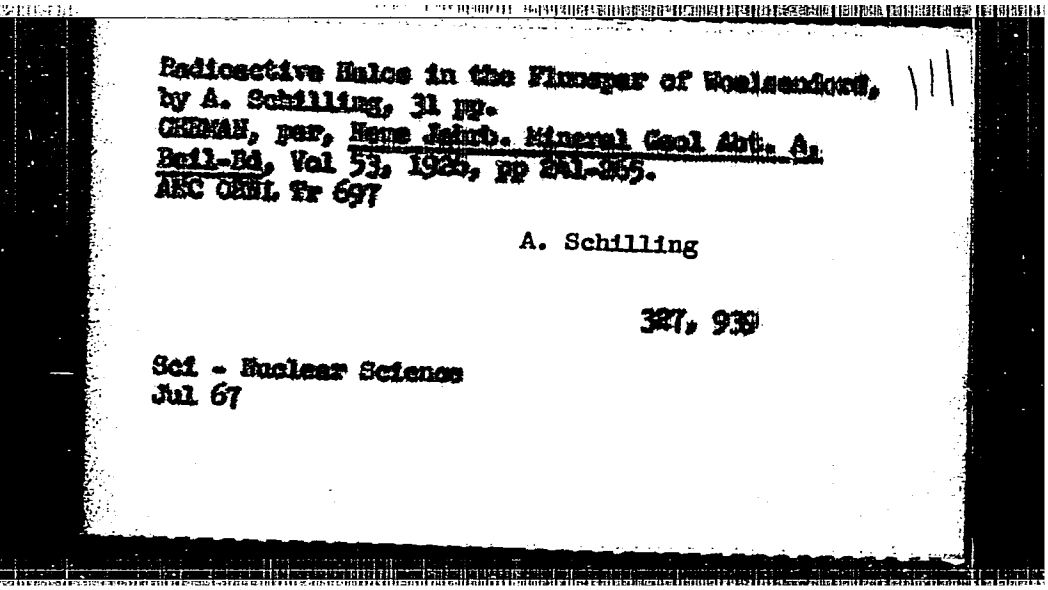

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INSPECTION OF THE LUBRICATION OF ENGINES IN SERVICE BY EXAMINATION OF THE USED OILS (La Surveillance du Graissage des Moteurs en Service par l'Examen des Huiles Usagees). [1961] [39]p. 9 refs.
Order from SLA mi$3.00, ph$6.30 61-10570

Trans. of Rev[ue de l'] Inst[itut] Franc[ais du] Pétrole et Ann[ales des] Combustibles Liquides, 1958, v. 13, [no. 7/8] p. 1217-1242.

Rapid, simple methods are proposed for detecting and evaluating deterioration of used detergent oils in service in diesel and gasoline engines. Spot tests at 20°C are foremost among quick means for checking on the state of such oils. Better results are obtained when such tests are supplemented with oil spot tests at 200°C, microscopic examination of the oil at 20° and 200°C, and photometric determination of carbonaceous material suspended in the used oil. Details of the examination methods are given, and numerous examples of ap-
(Materials--Lubricants, TT, v. 5, no. 11) (over)

61-10570

1. Lubricants--Test methods
2. Title: Used oils
I. Schilling, A.
II. Bernelin, B.
III. Fosse, C.

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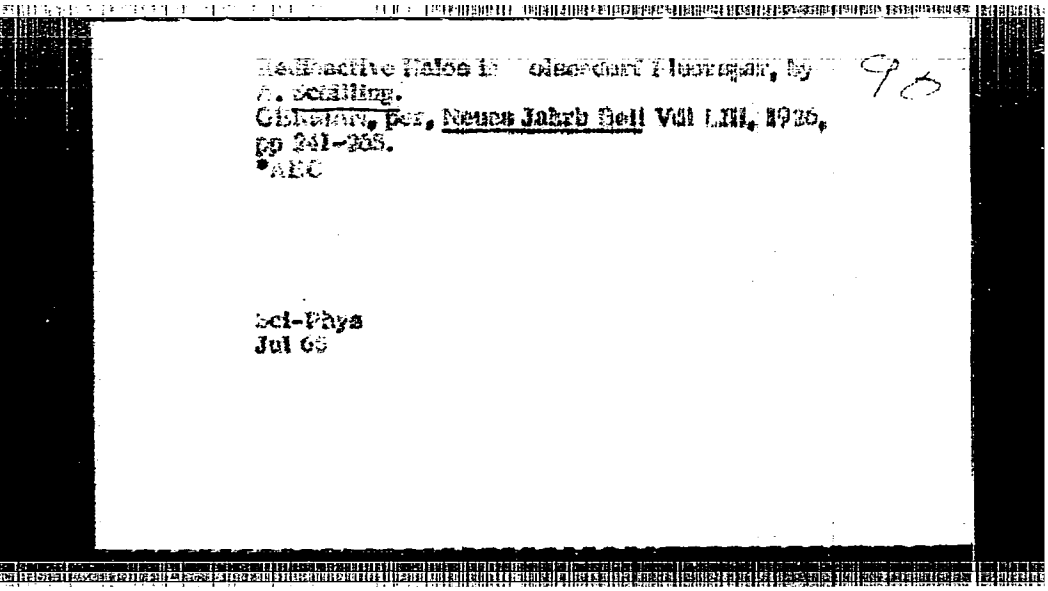

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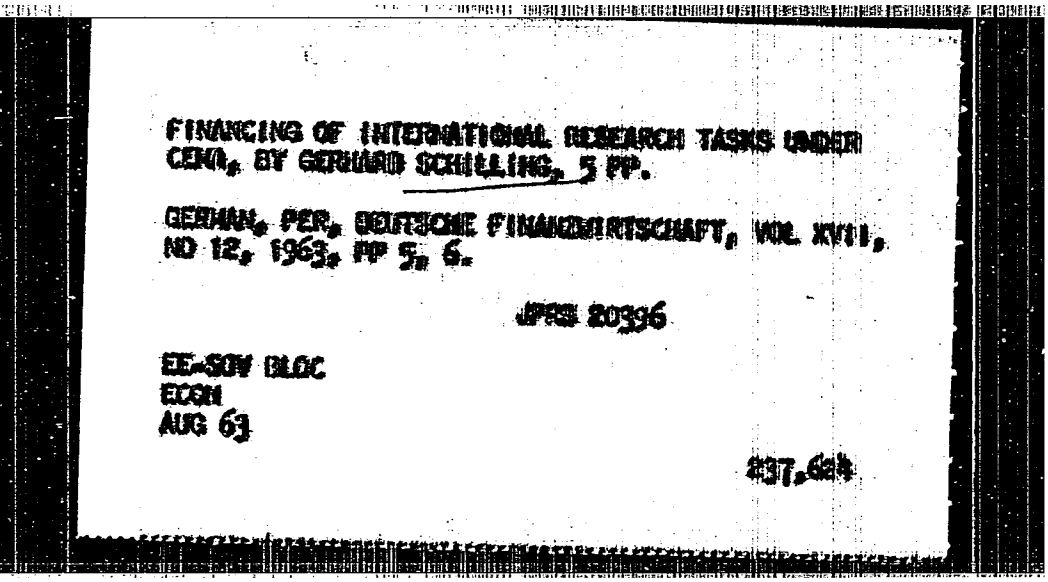

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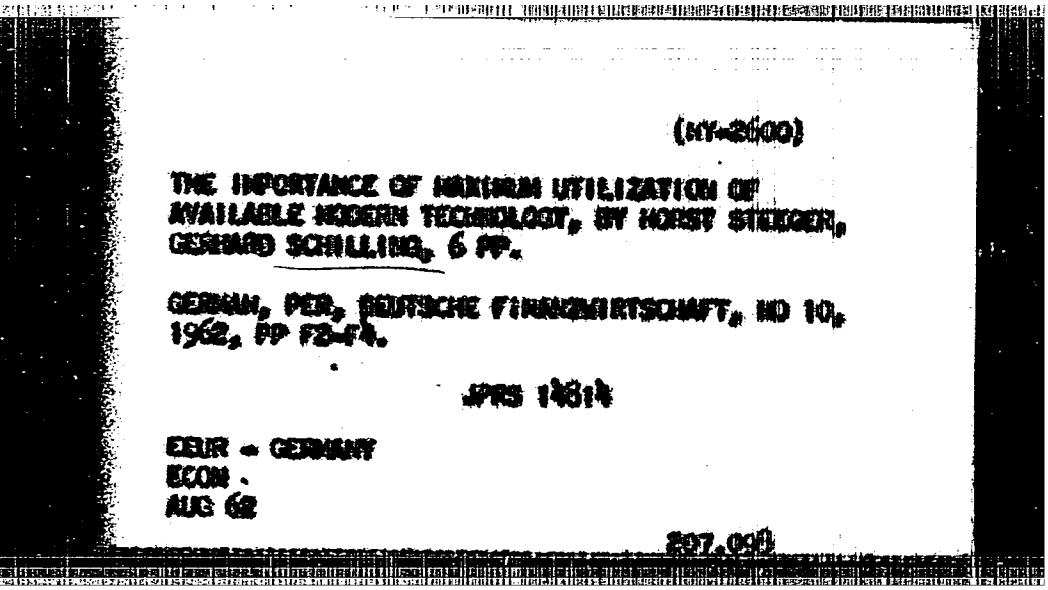

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JPRS 14814

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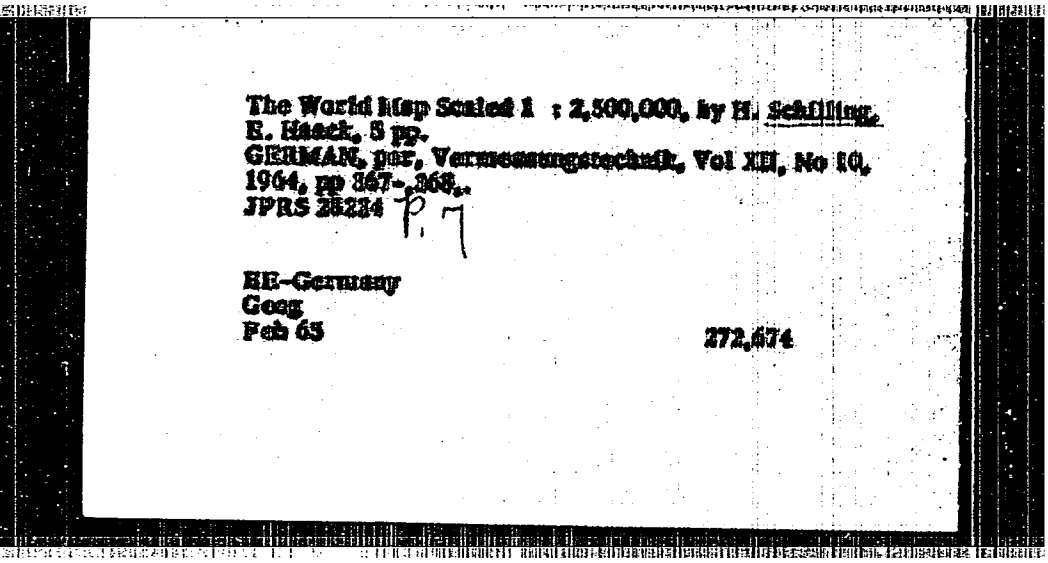

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NTC 69-30935-111

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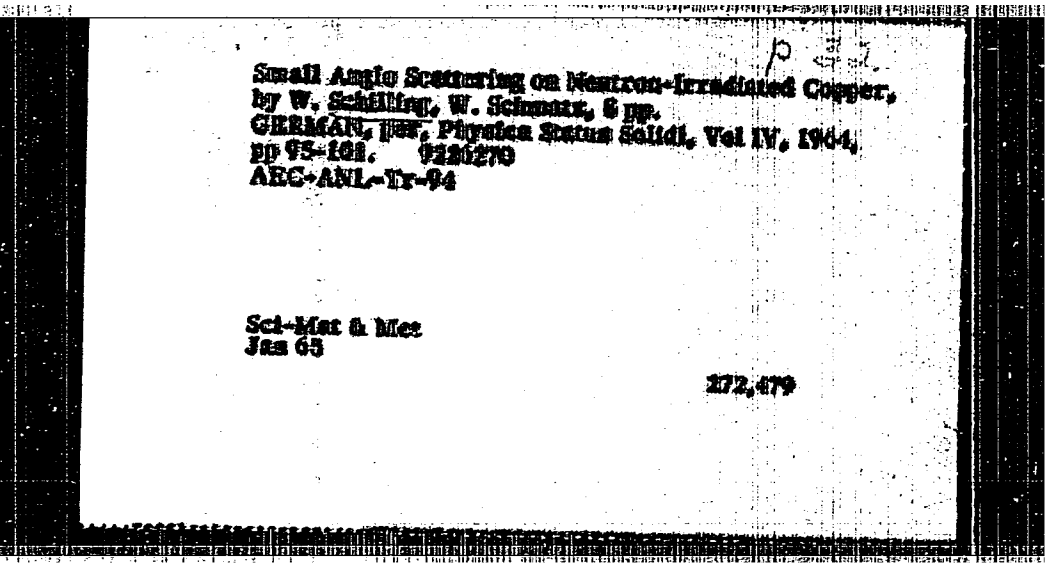

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Clinical Experience With a Heteroplastic Bone Material, by H. Schilling, P. F. Nockomann, 14 pp.

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Navy Tr 3671/NMS 838

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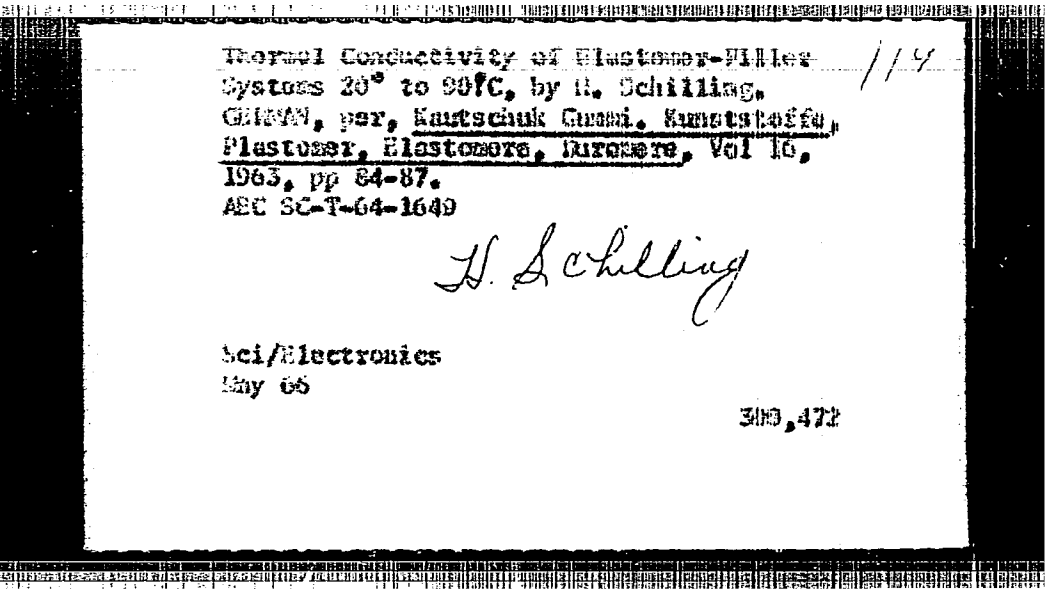

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AEC SC-T-64-1649

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PHYSICAL INVESTIGATIONS ON MOLDED OBJECTS FROM POLYACROLEIN. [1961] [16]p. 23 refs.
Order from SLA $1.60 61-20503

Trans. of Kolloid-Zeitschrift (West Germany) 1961, v. 179, p. 110-119.

DESCRIPTORS: *Acroleins, *Polymers, Molding, Pressure, *Molding materials, Heating, Acrylonitriles, Catalysts, Molecular association, Molecular structure, Crystallization, Oxidation reduction reactions.

In the present work, the molding experiments with powdered polyacrolein in the pressure region from 800 kg/cm^2 to 18,000 kg/cm^2 are reported. It was found that a crosslinking reaction occurs in polyacrolein under the influence of pressure. Upon heating
(Chemistry--Physical, TT, v. 7, no. 4) (over)

61-20503

I. Schilling, H.

191109

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(NY-6364)

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Geog
Jun 61

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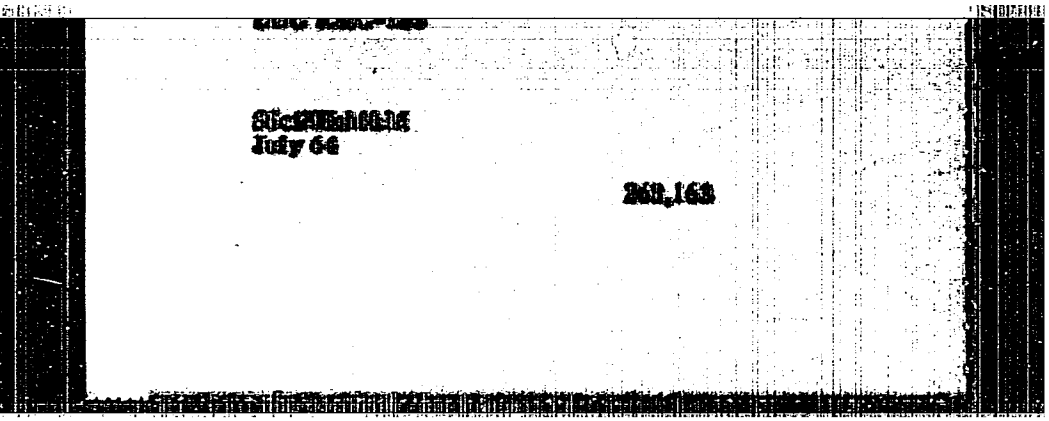

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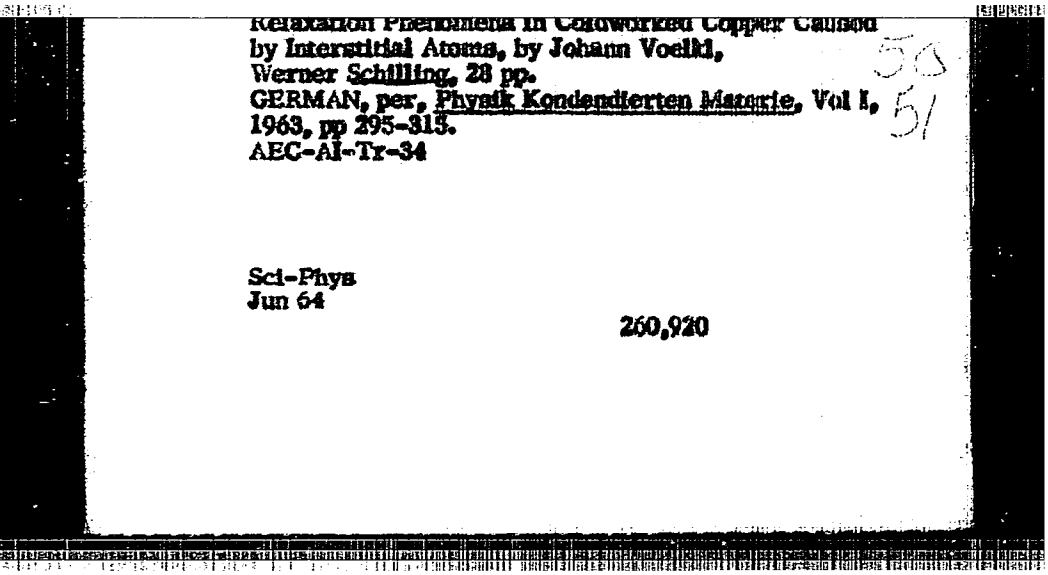

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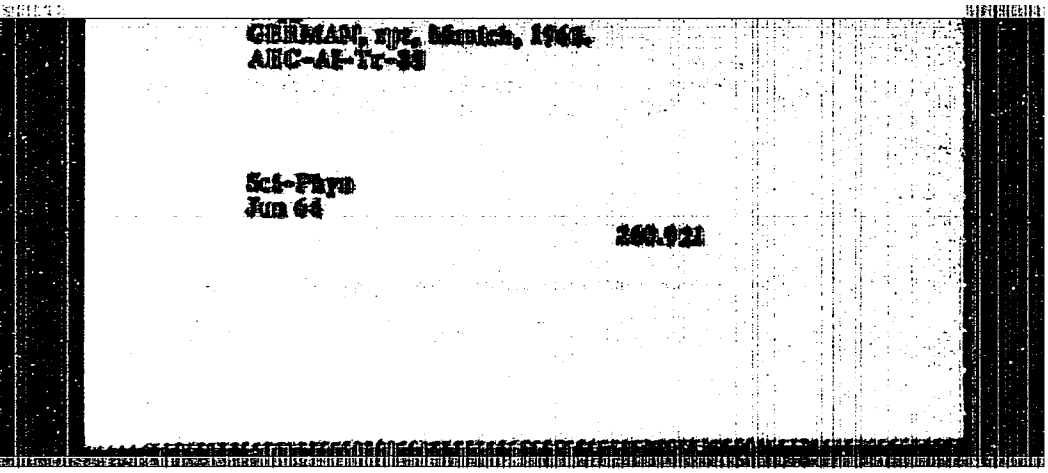

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